

ATTACHMENT D

Technical Report

WSFA(TV)—Montgomery, Alabama

TECHNICAL EXHIBIT
COSMOS BROADCASTING CORPORATION
STATION WSFA
MONTGOMERY, ALABAMA

Technical Statement

This statement was prepared on behalf of Cosmos Broadcasting Corporation, licensee of television broadcast station WSFA Montgomery, Alabama and supports a petition for reconsideration of the Federal Communications Commission action in MM Docket No. 87-268, In the Matter of *Advanced Television Systems and Their Impact upon the Existing Television Broadcast Service, Sixth Report and Order*, herein "Sixth Report".

Station WSFA operates on channel 12, employing an effective radiated power of 316 kilowatts with antenna height above average terrain of 610 meters. Station WSFA was assigned channel 57 in the Sixth Report. Channel 57 is outside of the proposed "core" spectrum. Based on study of the allocation situation, it is possible that alternate channels are available which better suit the operation of WSFA.

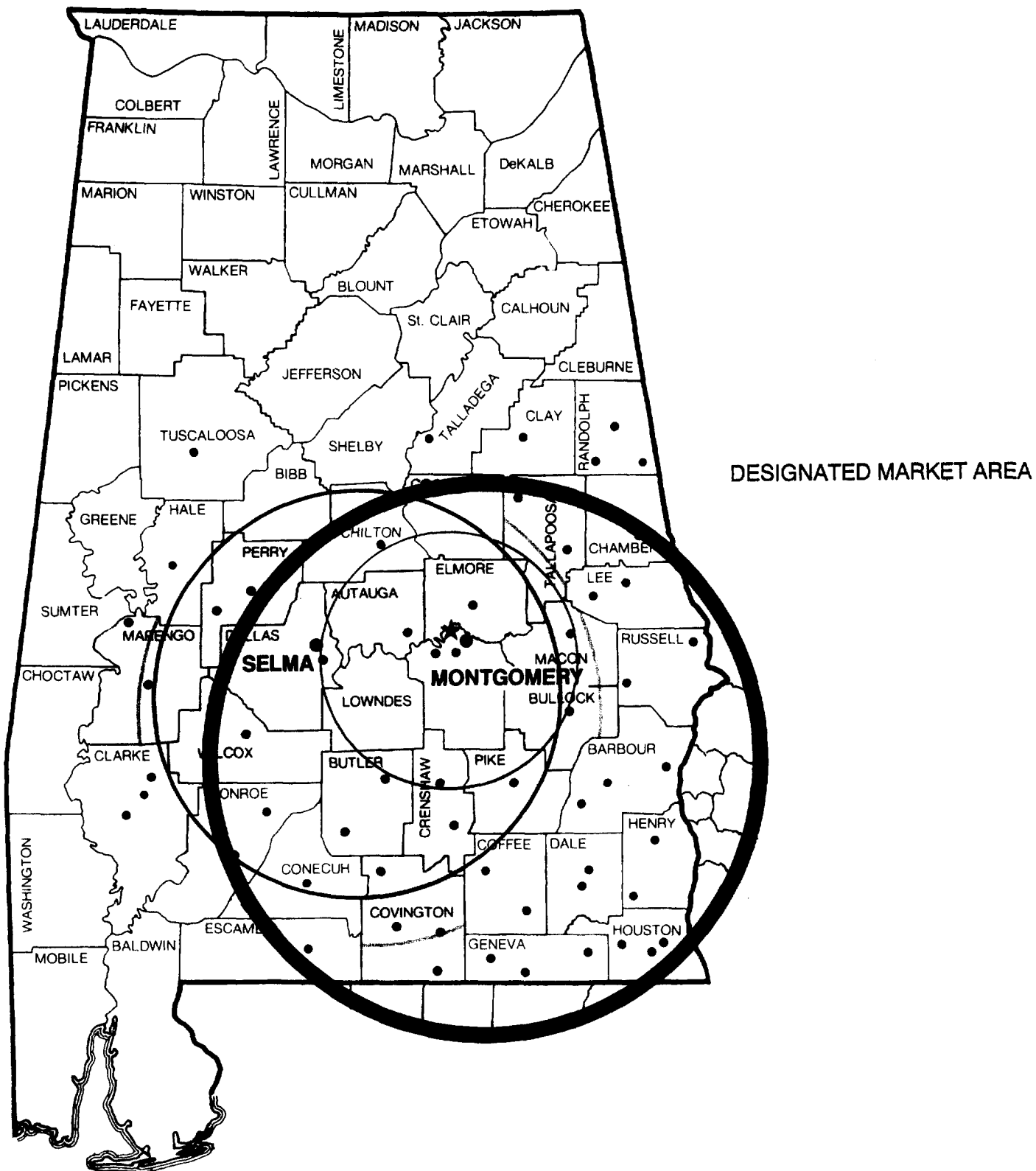
Alternate channels believed to be available for WSFA include channels 5 and 11 and others in the band from 60 to 69. Of this group, channel 11 offers the best possibility for adequate coverage of the Montgomery DMA and protection of other stations from interference. Use of channel 11 will dictate a directional transmitting antenna, the design of which is not currently possible due to the lack of the appropriate allocation tools, i.e., OET Bulletin No. 69. Based on many years of allocation experience, we believe it is possible to design a proper directional antenna that will achieve coverage and protection goals.

It is therefore requested that Cosmos Broadcasting Corporation be given the opportunity to request a replacement DTV channel, such as channel 11, after study of all factors pertaining to assignment of a DTV channel to WSFA.



Louis R. du Treil, Sr.
du Treil, Lundin & Rackley, Inc.
700 North Washington Boulevard
Suite 700
Sarasota, FL 34236

(941) 366-2611



● DENOTES CABLE SYSTEM ON WHICH WSFA IS CARRIED

GRADE B COVERAGE MAP

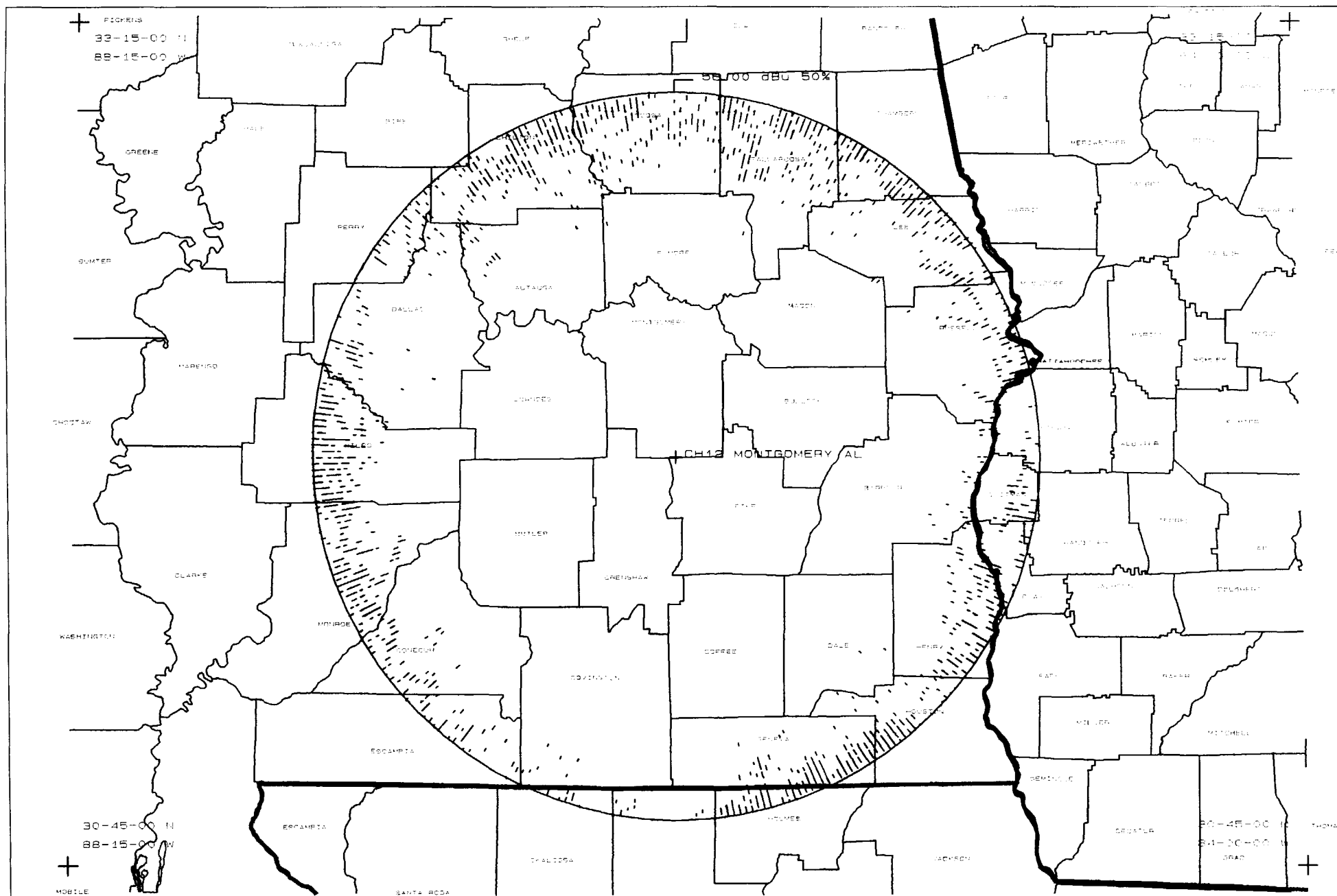
- WSFA
- WAKA
- WHOA
- WCOV



ALABAMA'S NEWS SOURCE

The following are the counties in our Grade B coverage area which aren't part of our DMA: (Beginning at the north and working clockwise)

COUNTY	TOTAL HOUSEHOLDS (POP. N/A)
1/2 of Chilton	12,990
3/4 of Coosa	n/a
1/2 of Chambers	n/a
Lee	34,500
Russell	n/a
Barbour	9,200
Henry	n/a
3/4 of Houston	31,700
Dale	18,100
Coffee	18,010
Geneva	9,670
1/2 of Escambia	n/a
3/4 of Conecuh	5,130
1/2 of Monroe	8,570
Part of 3 in Florida	n/a
Part of 5 or 6 in GA	n/a



Terrain loss - Red. IX NTSC - Green. ATV - Blue
 WSFA-TV Ch. 12 ERP 316.0 HAAT 598.4
 MONTGOMERY AL Dir. Ant.
 Date: 05 09 97

Scale points 31.22 36.16 44.51



MAJOR DIVISIONS ARE: 1000 KM
 SCALE IS: 41 14 KM (26)
 AT 60 MILES PER INCH

ATTACHMENT E

Technical Report

KAIT(TV)—Jonesboro, Arkansas

TECHNICAL STATEMENT
COSMOS BROADCASTING CORPORATION
STATION KAIT-TV
JONESBORO, ARKANSAS

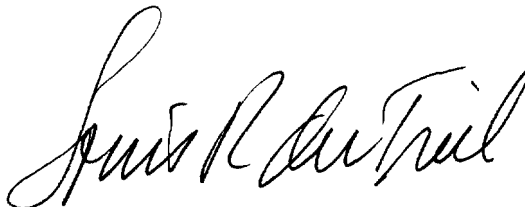
This statement was prepared on behalf of Cosmos Broadcasting Corporation, licensee of television broadcast station KAIT-TV Jonesboro, Arkansas in support of a petition for reconsideration of the Federal Communications Commission action in MM Docket No. 87-268, In the Matter of *Advanced Television Systems and Their Impact upon the Existing Television Broadcast Service, Sixth Report and Order*, herein "Sixth Report".

Station KAIT-TV operates on channel 8, employing an effective radiated power of 316 kilowatts with antenna height above average terrain of 533 meters. Station KAIT-TV was assigned channel 58 in the Sixth Report. Channel 58 is outside of the proposed "core" spectrum and based on study of the allocation situation, it is possible that alternate channels are available which better suit the operation of KAIT-TV.

Alternate channels believed to be available for KAIT-TV include channels 2, 4, 7, 9, 12, 22, 23, 27 and others both inside and outside of the core spectrum. Of this group, channel 9 offers the best possibility for

adequate coverage of the Jonesboro DMA and protection of other stations from interference. Channel 9 meets the separation criteria of 47 CFR 73.623(d) and could therefore be assigned to KAIT-TV without disturbance of the existing allocation table. Presumably, material in OET Bulletin No. 69 would not contradict this conclusion.

It is therefore requested that Cosmos Broadcasting Corporation be given the opportunity to request a replacement DTV channel, such as channel 9, after study of all factors pertaining to assignment of a DTV channel to KAIT-TV.



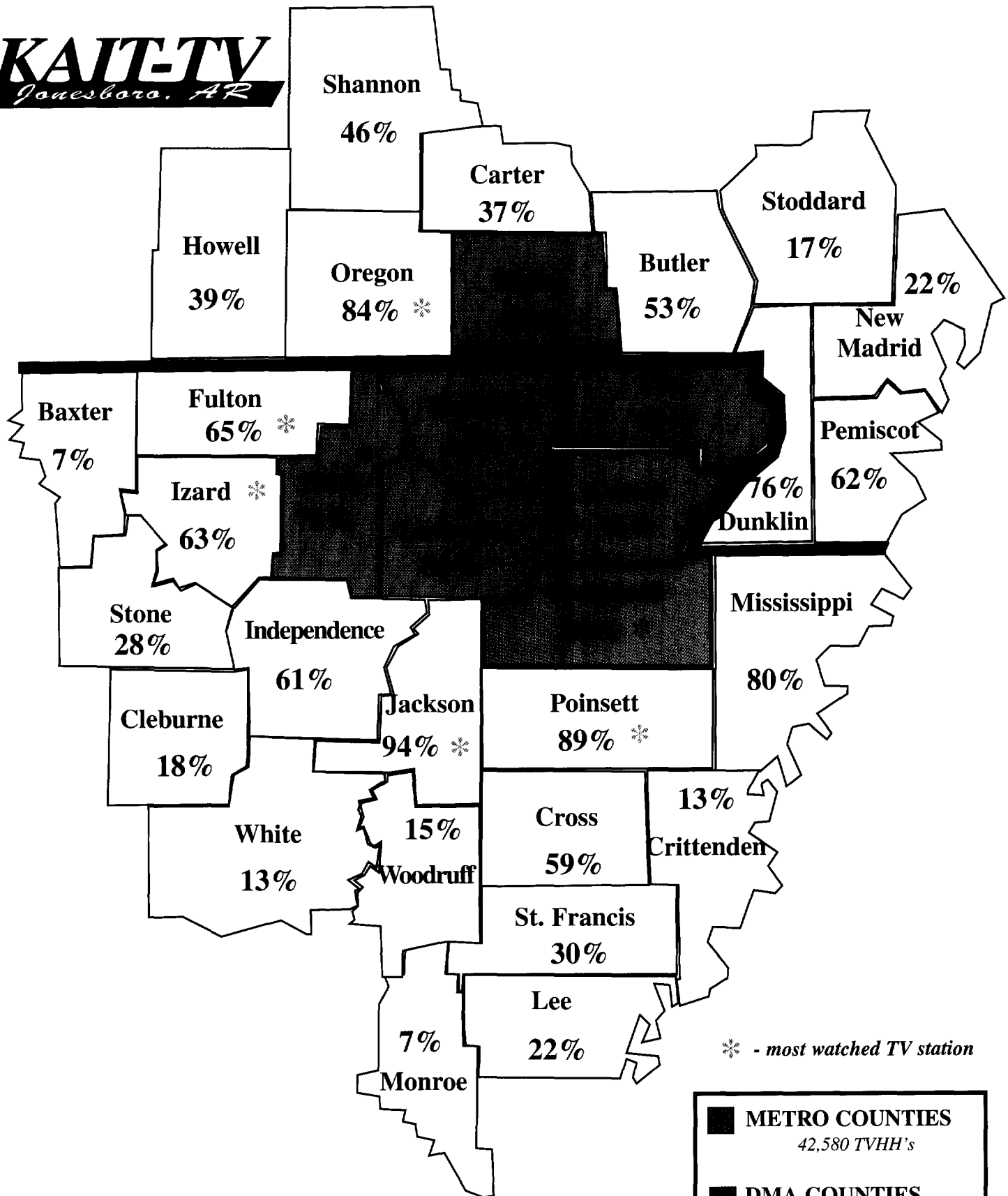
Louis R. du Treil, Sr.
du Treil, Lundin & Rackley, Inc.
700 North Michigan Avenue
Suite 700
Sarasota, FL 34207

(941) 366-2611

June 12, 1997

KAIT-TV

Jonesboro, AR



* - most watched TV station

	METRO COUNTIES
	42,580 TVHH's
	DMA COUNTIES
	75,160 TVHH's
	INC. TSA COUNTIES
	192,450 TVHH's

Source: May '96 NSI County Coverage

Printed By



MASTER PRINTING CO.

Jonesboro, AR

Market Dominance

KAIT delivers:

- *County shares as high as 44%.*
- *A weighted average share of 32 sign on/sign off.*
- *No less than a 28 share in any of the 7 DMA counties.*

KAIT-TV county-by-county share of total day viewing:

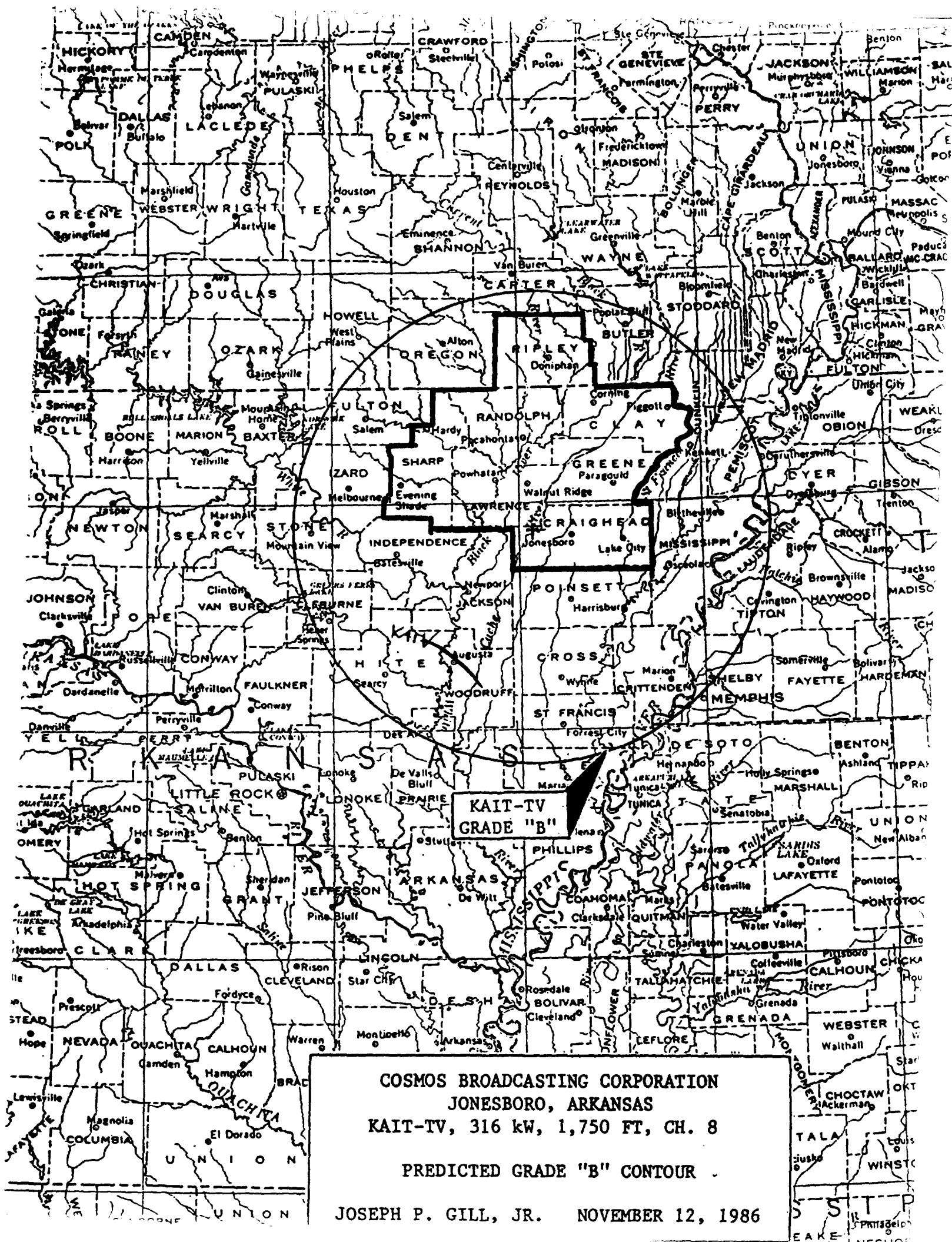
Jonesboro DMA County	Total Day Share	Net Weekly Circulation %	Total TV Households
Clay, AR	36	90	7,230
Craighead, AR	28	89	28,180
Greene, AR	32	91	13,540
Lawrence, AR	36	88	6,580
Randolph, AR	44	90	6,530
Sharp, AR	28	78	6,650
Ripley, MO	30	87	5,110
Total:			73,820

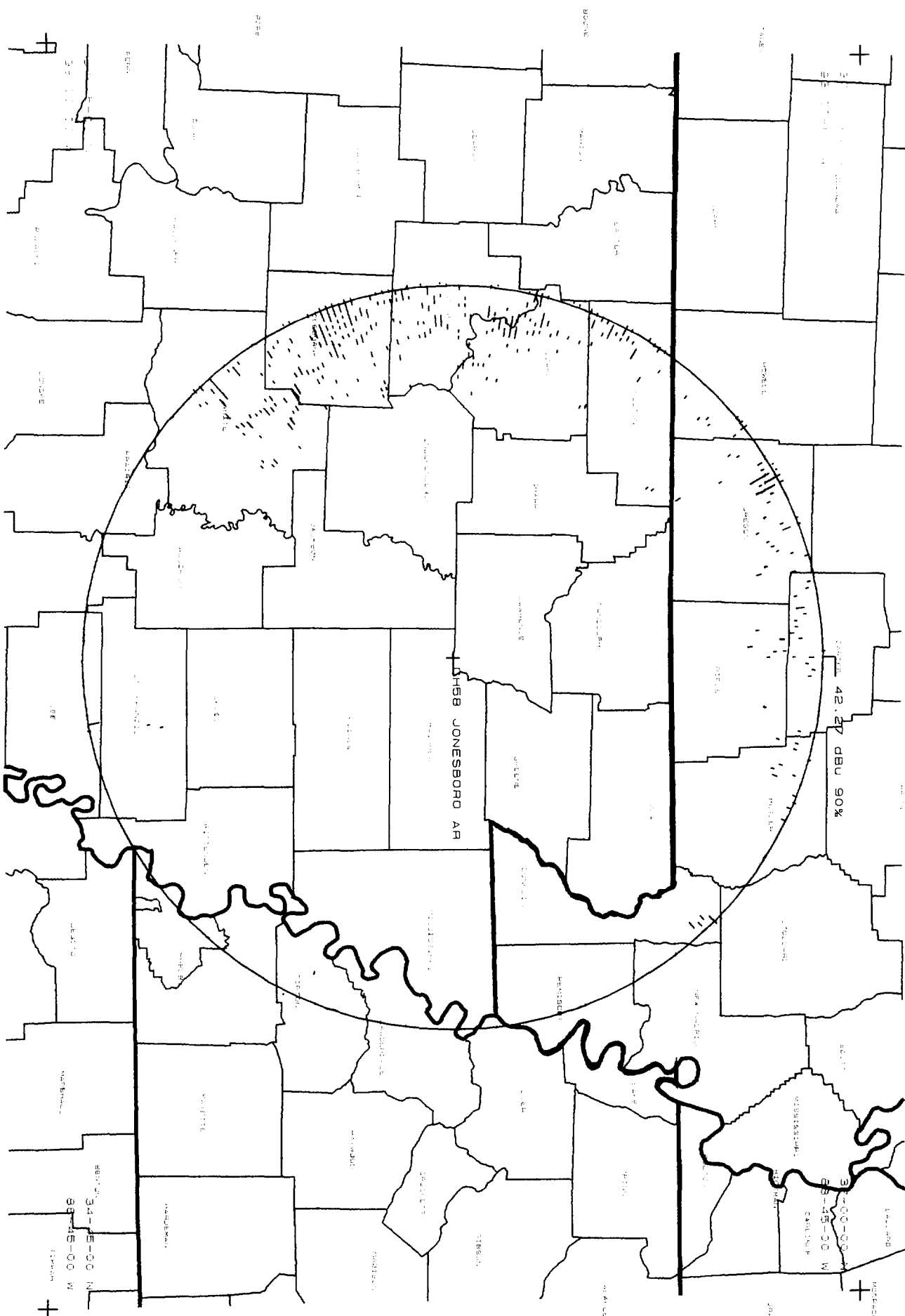
In addition, KAIT is the most watched station in the following TSA counties...

Cross, AR	16	59	16,660
Fulton, AR	36	65	4,110
Izard, AR	18	63	5,060
Jackson, AR	27	94	7,260
Poinsett, AR	17	89	9,010
Oregon, MO	25	84	3,930
Total:			46,030

...and the #1 ABC affiliate in these TSA counties

Independence, AR	15	61	12,240
Mississippi, AR	13	80	17,700
Carter, MO	2	37	2,130
Dunklin, MO	15	76	12,750
Pemiscott, MO	7	62	8,160
Shannon, MO	16	46	2,920
Total:			55,900

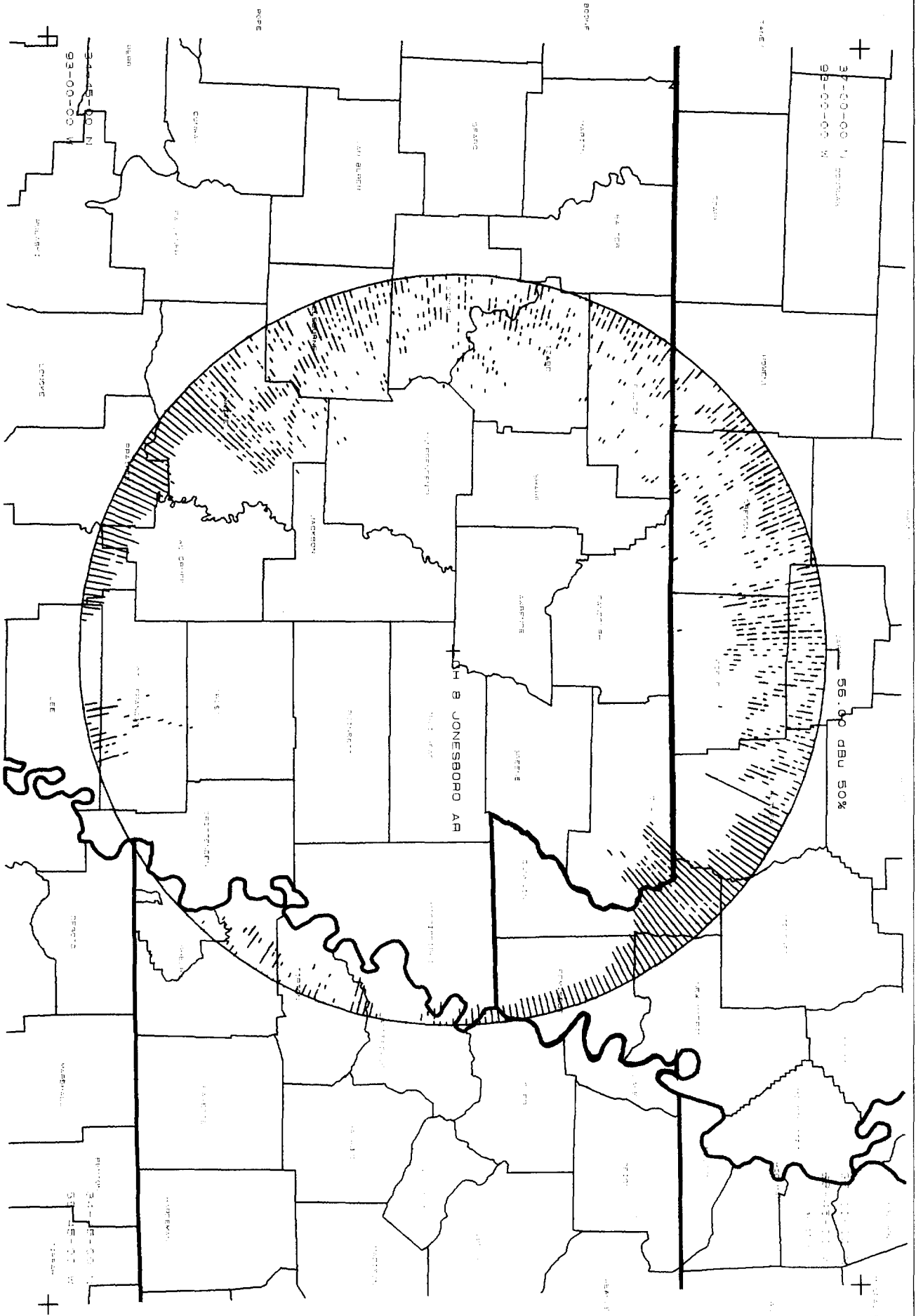




Terrain loss - Red, IX NTSC - Blue, ATV - Green
 KAIT-ATV Ch. 58
 JONESBORO AR Dir. Ant.
 Date: 05 11 97



Scale: 1 inch = 10 miles
 0 10 20 30 40 50 60 70 80 90 100
 Miles



Terrain loss - Red, IX NTSC - Green, ATV - Blue
 KAIT-NTSC Ch. 8 ERP 316.0 HAAT 533.3
 JONESBORO AR Dir. Ant.
 Date: 05 09 97

Scale 1:100,000
 1 inch = 1 mile
 1 centimeter = 100 meters

ATTACHMENT F

Technical Report

KPLC(TV)—Lake Charles, Louisiana

TECHNICAL STATEMENT
COSMOS BROADCASTING CORPORATION
STATION KPLC-TV
LAKE CHARLES, LOUISIANA

This statement was prepared on behalf of Cosmos Broadcasting Corporation, licensee of television broadcast station KPLC-TV Lake Charles, Louisiana in support of a petition for reconsideration of the Federal Communications Commission action in MM Docket No. 87-268, In the Matter of *Advanced Television Systems and Their Impact upon the Existing Television Broadcast Service, Sixth Report and Order*, herein "Sixth Report".

Station KPLC-TV operates on channel 7, employing an effective radiated power of 316 kilowatts with antenna height above average terrain of 451 meters. Station KPLC-TV was assigned channel 53 in the Sixth Report. Channel 53 is outside of the proposed "core" spectrum and based on study of the allocation situation, it is possible that alternate channels are available which better suit the operation of KPLC-TV.

Alternate channels believed to be available for KPLC-TV include channels 8, 13, 19, 38, 39, 43 and others outside of the core spectrum. Of this group, channel 8 offers the best possibility for adequate coverage of the

Lake Charles DMA and protection of other stations from interference. Use of channel 8 will dictate a directional transmitting antenna, the design of which is not currently possible due to the lack of the appropriate allocation tools, i.e., OET Bulletin No. 69. Based on many years of allocation experience, we believe it is possible to design a proper directional antenna that will achieve coverage and protection goals.

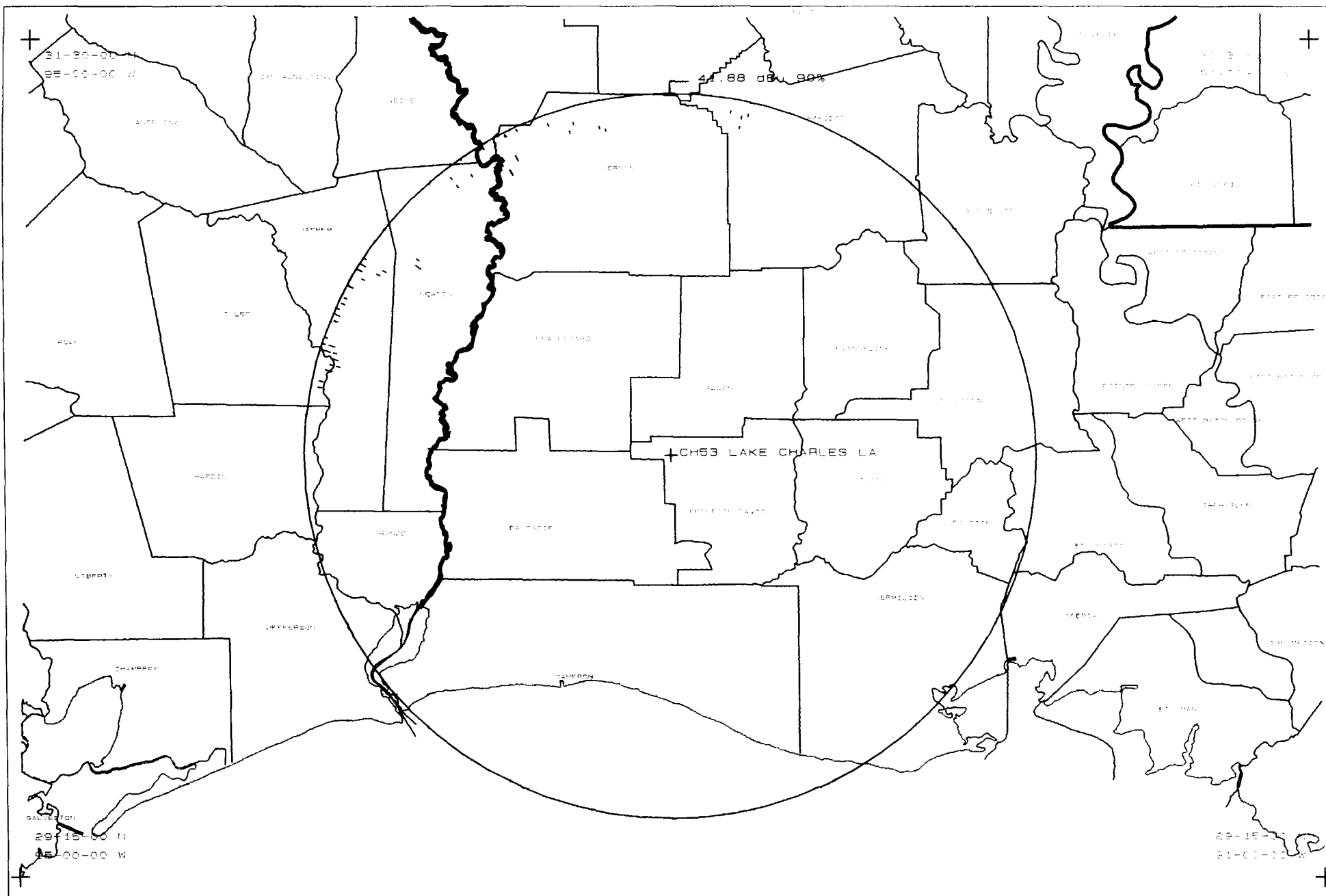
It is therefore requested that Cosmos Broadcasting Corporation be given the opportunity to request a replacement DTV channel, such as channel 8, after study of all factors pertaining to assignment of a DTV channel to KPLC-TV.



Louis R. du Treil, Sr.
du Treil, Lundin & Rackley, Inc.
700 North Washington Boulevard
Suite 700
Sarasota, FL 34236

(941) 366-2611

June 12, 1997



Terrain loss - Red, IX NTSC - Blue, ATV - Green

KPLC-ATV Ch. 53 [REDACTED] HAAT 450.6

LAKE CHARLES LA Dir. Ant.

Date: 05 10 97

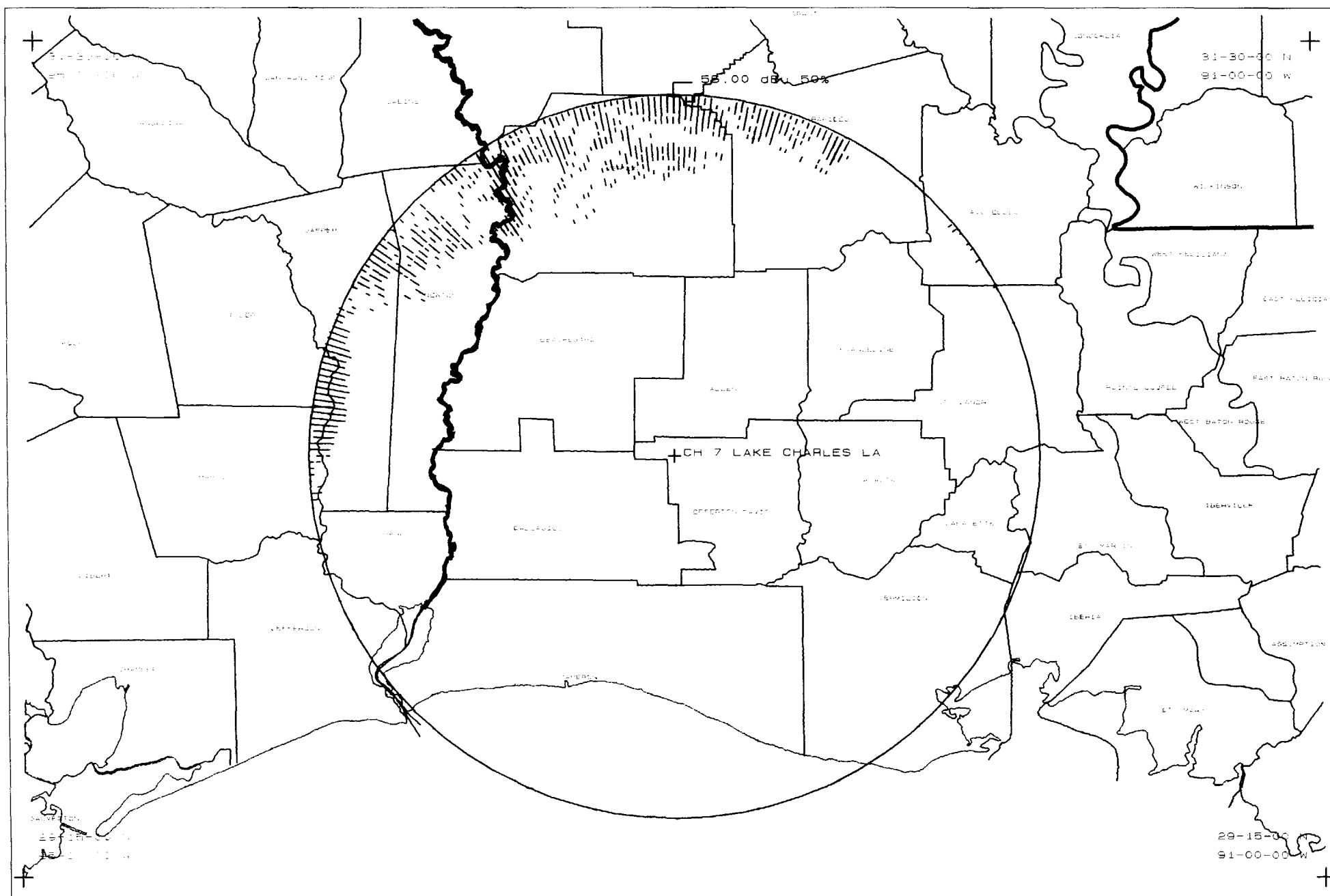
Scale points 30, 40, 50, 60, 70, 80, 90, 100



MAJOR DIVISIONS ARE IN MILES

SCALE IS 1" = 50 MILES

20 30 40 50 60 70 80 90 100



Terrain loss - Red, IX NTSC - Green, ATV - Blue
KPLC-NTSC Ch. 7 ERP 316.0 HAAT 450.6
LAKE CHARLES LA Dir. Ant.
Date: 05 09 97

[illegible]

ATTACHMENT G

Technical Report

WLOX(TV)—Biloxi, Mississippi

TECHNICAL STATEMENT
COSMOS BROADCASTING CORPORATION
STATION WLOX-TV
BILOXI, MISSISSIPPI

This statement was prepared on behalf of Cosmos Broadcasting Corporation, licensee of television broadcast station WLOX-TV Biloxi, Mississippi in support of a petition for reconsideration of the Federal Communications Commission action in MM Docket No. 87-268, In the Matter of *Advanced Television Systems and Their Impact upon the Existing Television Broadcast Service, Sixth Report and Order*, herein "Sixth Report".

Station WLOX-TV operates on channel 13, employing an effective radiated power of 316 kilowatts with antenna height above average terrain of 408 meters. Station WLOX-TV was assigned channel 36 in the Sixth Report. Although channel 36 is inside of the proposed "core" spectrum, based on study of the allocation situation, it is believed that alternate channels are available which better suit the operation of WLOX-TV.

Alternate channels believed to be available for WLOX-TV include channels 2, 16, 40, 41 and others outside of the core spectrum. Of this group, channel 16 offers the

du Treil, Lundin & Rackley, Inc.

A Subsidiary of A.D. Ring, P.A.

Station WLOX-TV

Page 2 of 2

best possibility for adequate coverage of the Biloxi-Gulfport DMA and protection of other stations from interference. Use of channel 16 will dictate a directional transmitting antenna, the design of which is not currently possible due to the lack of the appropriate allocation tools, i.e., OET Bulletin No. 69. Based on many years of allocation experience, we believe it is possible to design a proper directional antenna that will achieve coverage and protection goals.

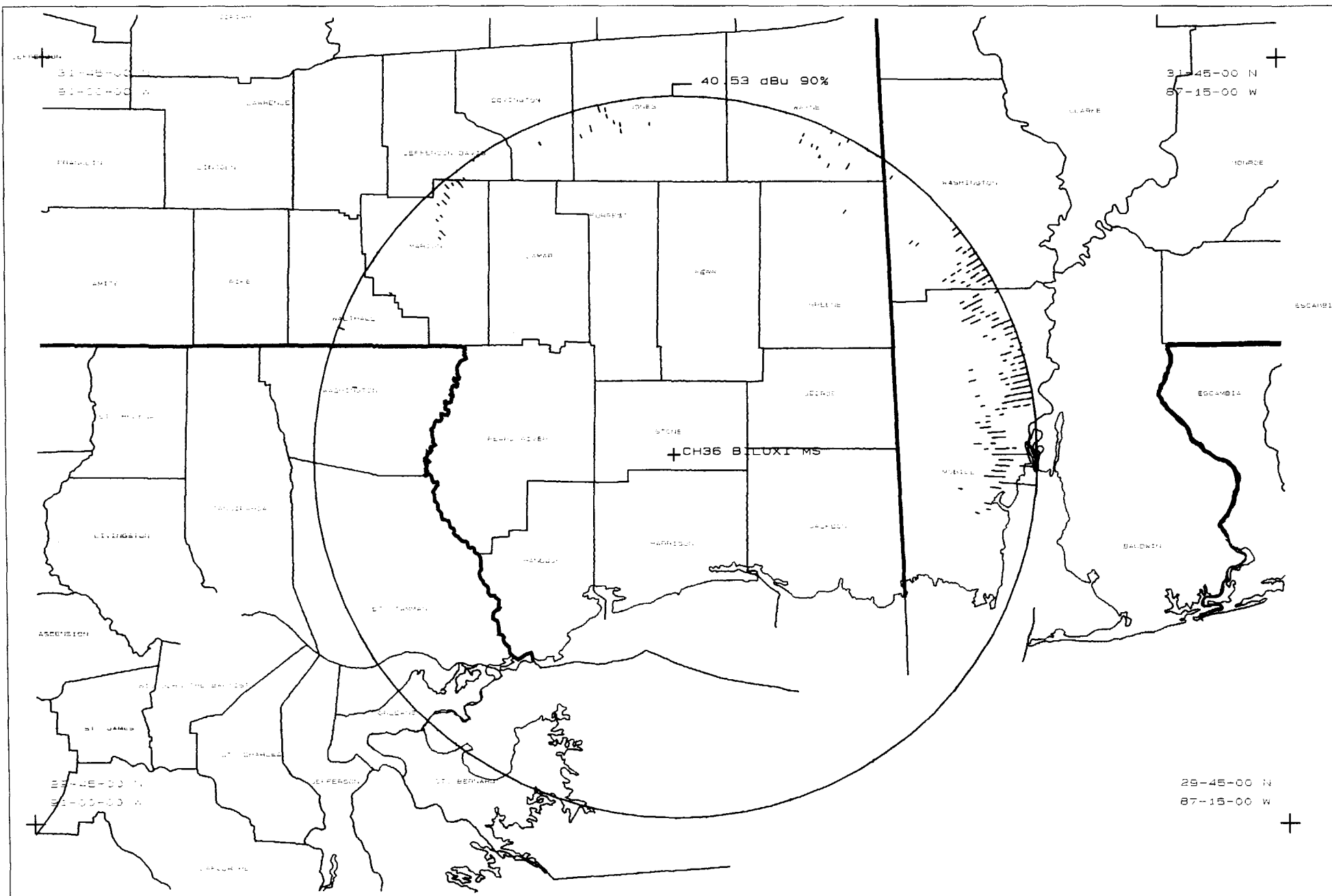
It is therefore requested that Cosmos Broadcasting Corporation be given the opportunity to request a replacement DTV channel, such as channel 16, after study of all factors pertaining to assignment of a DTV channel to WLOX-TV.



Louis R. du Treil, Sr.
du Treil, Lundin & Rackley, Inc.
700 North Washington Boulevard
Suite 700
Sarasota, FL 34236

(941) 366-2611

June 12, 1997



Terrain loss - Red, IX NTSC - Blue, ATV - Green

WLOX-ATV Ch. 36 HAAT 407.6

BILOXI MS Dir. Ant.

Date: 05 10 97

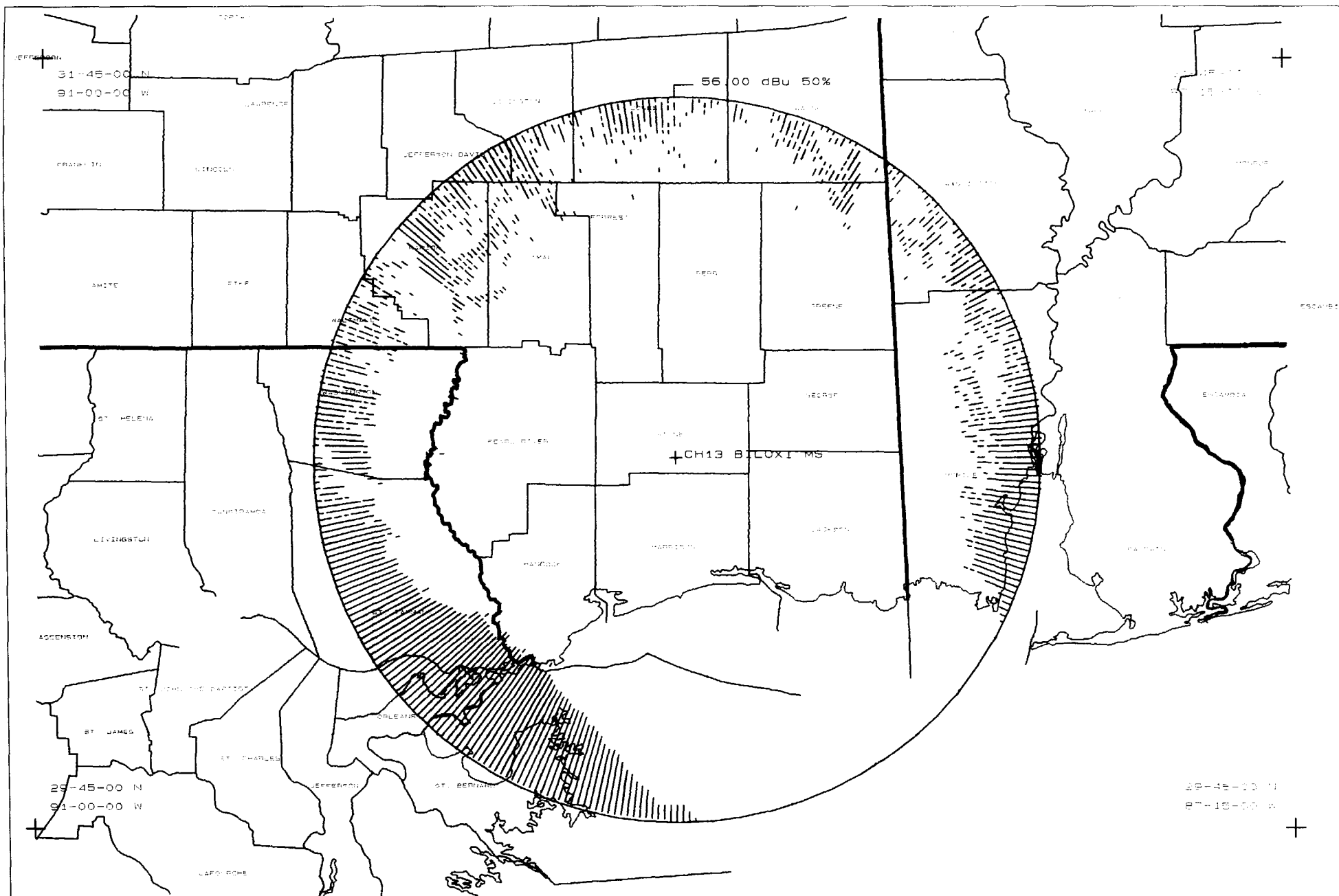
Area covered by TX 82 12 125 24



MAJOR DIVISIONS ARE: 10.0 KM

SCALE IS: 38.14 KM/INCH

22.46 MILES/INCH



Terrain loss - Red, IX NTSC - Green, ATV - Blue
 WLOX-TV Ch. 13 ERP 316.0 HAAT 407.6
 BILOXI MS Dir. Ant.
 Date: 05 09 97

Scale points 30.72 63.09 126.34



MAJOR DIVISIONS ARE: 1000 KM
 SCALE IS: 1:100,000
 22 45 MI. BY INCH